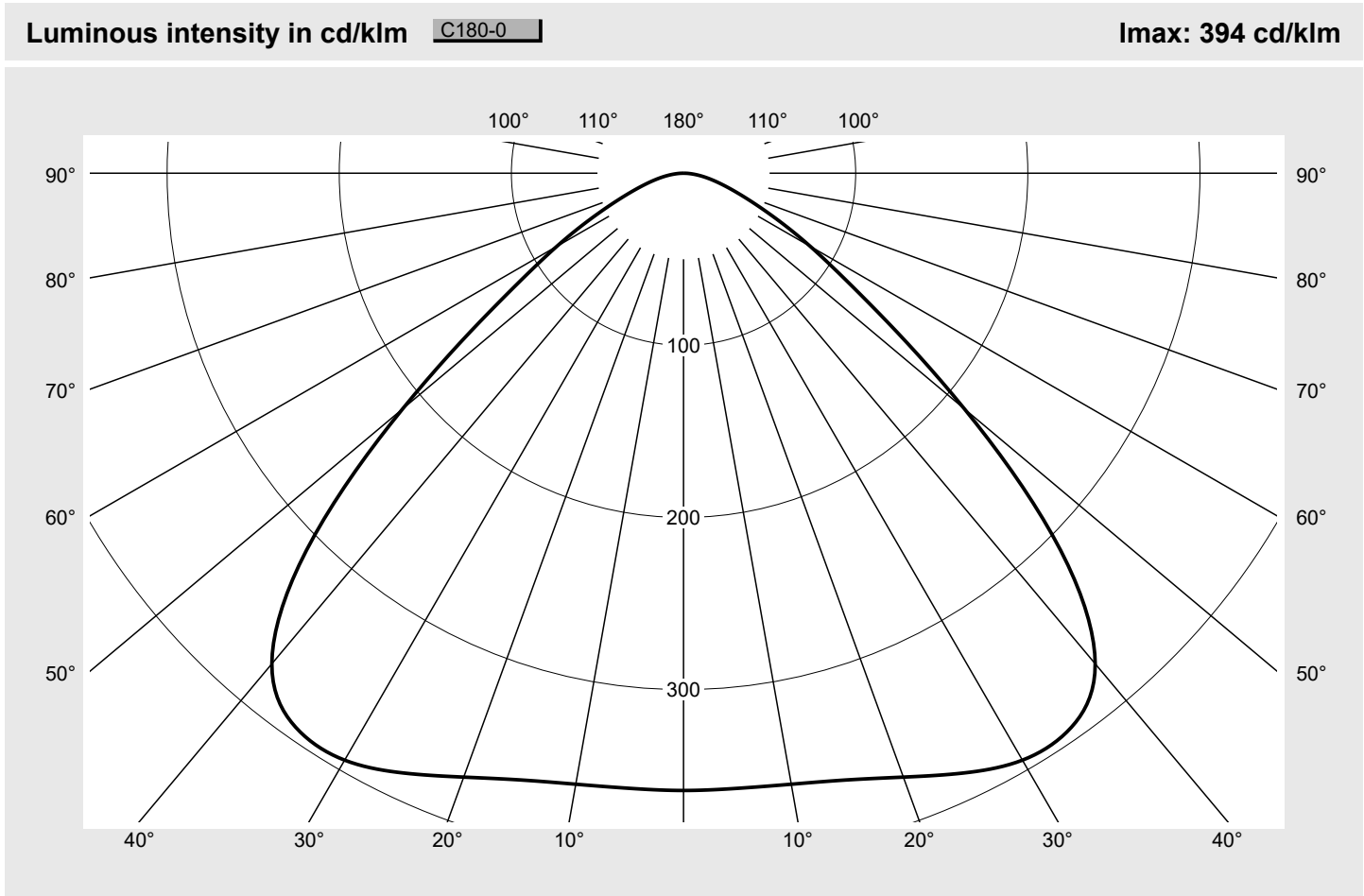


Photometric test report

Family Highbay 41	Order number: 51HD3XMBMN0A EAN: 4069025768841		LP number 60437_1
	Version	cover panel, PC, clear, adjustable light distribution, adjustable color temperature: 4000K 5000K 6500K	serial documentation 30.07.2026
	Lamps	LED 4000 K CRI ≥ 80	
	Controlgear	ECG Multilumen	
	Setting	individual position: extremely wide distribution, Lumen Max.	
	Rated values	Net luminous flux = 30080 lm Power consumption = 188.0 W Luminous efficacy = 160 lm/W	

siteco



Classifications		Luminaire light output ratios	
DIN 5040	A 5 0	η_{LB}	100.0%
CIE	N1=60 N2=92 N3=99	ϕ_u	100.0%
	N4=100 N5=100	ϕ_o	0.0%

Measurement conditions
DIN EN 13032 and DIN 5032

Photometric test report

Family Highbay 41	Order number: 51HD3XMBMN0A EAN: 4069025768841	LP number 60437_1
Table of values for luminous intensities		Maximum luminous intensity

siteco

C-planes	0°	Phi-zone	Total Phi-zone
γ	Luminous intensity in cd/klm		Luminous flux in lm/klm
0°	358.6	2.1	2.1
5°	358.7	17.1	19.3
10°	360.5	34.3	53.6
15°	365.0	51.8	105.4
20°	373.4	70.0	175.4
25°	384.5	89.1	264.4
30°	393.8	107.9	372.4
35°	392.9	123.5	495.9
40°	372.1	131.1	627.0
45°	309.8	120.1	747.0
50°	213.0	89.4	836.5
55°	131.4	59.0	895.5
60°	85.0	40.4	935.8
65°	53.5	26.6	962.4
70°	33.2	17.1	979.5
75°	20.6	10.9	990.4
80°	12.0	6.5	996.9
85°	5.1	2.8	999.7
90°	0.6	0.3	1000.0
95°	0.0	0.0	1000.0
100°	0.0	0.0	1000.0
105°	0.0	0.0	1000.0
110°	0.0	0.0	1000.0
115°	0.0	0.0	1000.0
120°	0.0	0.0	1000.0
125°	0.0	0.0	1000.0
130°	0.0	0.0	1000.0
135°	0.0	0.0	1000.0
140°	0.0	0.0	1000.0
145°	0.0	0.0	1000.0
150°	0.0	0.0	1000.0
155°	0.0	0.0	1000.0
160°	0.0	0.0	1000.0
165°	0.0	0.0	1000.0
170°	0.0	0.0	1000.0
175°	0.0	0.0	1000.0
180°	0.0	0.0	1000.0

Photometric test report

Family Highbay 41			Order number: 51HD3XMBMN0A EAN: 4069025768841							LP number 60437_1	
UGR-Table			Standard room							siteco	
Reflection factor of ceiling	0.7	0.7	0.5	0.5	0.3	0.7	0.7	0.5	0.5	0.3	
Reflection factor of walls	0.5	0.3	0.5	0.3	0.3	0.5	0.3	0.5	0.3	0.3	
Reflection factor of floor	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	
Room dimensions		View crosswise (C0)					View endwise (C90)				
x	y										
2H	2H	28.7	30.3	29.1	30.6	30.9	28.7	30.3	29.1	30.6	30.9
	3H	29.0	30.4	29.4	30.7	31.1	29.0	30.4	29.4	30.7	31.1
	4H	29.1	30.4	29.5	30.8	31.1	29.1	30.4	29.5	30.8	31.1
	6H	29.2	30.4	29.6	30.7	31.1	29.2	30.4	29.6	30.7	31.1
	8H	29.3	30.3	29.7	30.7	31.1	29.3	30.3	29.7	30.7	31.1
	12H	29.3	30.3	29.7	30.7	31.1	29.3	30.3	29.7	30.7	31.1
4H	2H	28.9	30.2	29.3	30.5	30.9	28.9	30.2	29.3	30.5	30.9
	3H	29.3	30.4	29.7	30.8	31.2	29.3	30.4	29.7	30.8	31.2
	4H	29.5	30.4	29.9	30.8	31.3	29.5	30.4	29.9	30.8	31.3
	6H	29.6	30.4	30.0	30.8	31.3	29.6	30.4	30.0	30.8	31.3
	8H	29.6	30.4	30.1	30.8	31.3	29.6	30.4	30.1	30.8	31.3
	12H	29.7	30.3	30.2	30.8	31.3	29.7	30.3	30.2	30.8	31.3
8H	4H	29.5	30.2	30.0	30.7	31.2	29.5	30.2	30.0	30.7	31.2
	6H	29.7	30.3	30.2	30.7	31.3	29.7	30.3	30.2	30.7	31.3
	8H	29.7	30.3	30.2	30.8	31.3	29.7	30.3	30.2	30.8	31.3
	12H	29.8	30.2	30.3	30.7	31.3	29.8	30.2	30.3	30.7	31.3
12H	4H	29.5	30.2	30.0	30.6	31.1	29.5	30.2	30.0	30.6	31.1
	6H	29.7	30.2	30.2	30.7	31.2	29.7	30.2	30.2	30.7	31.2
	8H	29.8	30.2	30.3	30.7	31.2	29.8	30.2	30.3	30.7	31.2

Luminance table		Max. for $\gamma \geq 65^\circ$	Photometric dimensions in mm:	D = 288
C-planes	0°			
γ	Luminance in cd/m²			
45°	202275.5			
50°	153027.0			
55°	105776.0			
60°	78506.9			
65°	58430.3			
70°	44809.7			
75°	36801.4			
80°	31784.1			
85°	27268.5			

Photometric test report

Family
Highbay 41

Order number: 51HD3XMBMN0A
EAN: 4069025768841

LP number
60437_1

Luminance values in cd/m²

γ 65°

γ 70°

γ 75°

γ 80°

γ 85°

siteco

